Nickel

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/580,803

CRF Processing Date: 2/17/2001
Edited by:
Verified by: (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☑ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☑ Other: corrected <1407, <1417. numeric identifier

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

RAW SEQUENCE LISTING DATE: 07/17/2001
PATENT APPLICATION: US/09/580,803 TIME: 14:59:28

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07172001\I580803.raw

<110> APPLICANT: KLAGSBRUN, Michael
SOKER, Shay
MIAO, Hua Quan

<120> TITLE OF INVENTION: ANTAGONISTS OF NEUROPILIN RECEPTOR FUNCTION AND USE THEREOF

<130> FILE REFERENCE: 48802 C

<140> CURRENT APPLICATION NUMBER: 09/580,803
<141> CURRENT FILING DATE: 2000-05-30

<150> PRIOR APPLICATION NUMBER: 60/069,155
<151> PRIOR FILING DATE: 1997-12-09

<150> PRIOR APPLICATION NUMBER: 60/069,687
<151> PRIOR FILING DATE: 1997-12-29

<150> PRIOR APPLICATION NUMBER: 60/078,541
<151> PRIOR FILING DATE: 1998-03-19

<160> NUMBER OF SEQ ID NOS: 11

<170> SOFTWARE: FastSEQ for Windows Version 3.0

<210> SEQ ID NO: 1
<211> LENGTH: 5653
<212> TYPE: DNA
<213> ORGANISM: human

<400> SEQUENCE: 1

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gcatttcccc ccacgtcctc gttctcccgc gtctgcctgc ggacccggag aagggagaat 240
ggagaggggg ctgccgctcc tctgcgccgt gctcgccctc gtcctcgccc cggccggcgc 300
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tcctggttat cctcattctt atcacccaag tgaaaaatgc gaatggctga ttcaggctcc 420
ggacccatac cagagaatta tgatcaactt caaccctcac ttcgatttgg aggacagaga 480
ctgcaagtat gactacgtgg aagtgttcga tggagaaaat gaaaatggac attttagggg 540
aaagttctgt ggaaagatag cccctcctcc tgttgtgtct tcagggccat ttctttttat 600
caaatttgtc tctgactacg aaacacatgg tgcaggattt tccatacgtt atgaaatttt 660
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tcagggaaac accaacccca cagatgttgt ggttgcagta ttccccaaac cactgataac 1440
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tatttctgac tcccagatca catcatccaa ccaaggggac agaaactgga tgcctgaaaa 1620

RAW SEQUENCE LISTING DATE: 07/17/2001
PATENT APPLICATION: US/09/580,803 TIME: 14:59:28

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07172001\I580803.raw

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62 caatgagtgg ctccaaatag acctggggga ggagaagatc gtgaggggca tcatcattca 1740
63 gggtgggaag caccgagaga acaaggtgtt catgaggaag ttcaagatcg ggtacagcaa 1800
64 caacggctcg gactggaaga tgatcatgga tgacagcaaa cgcaaggcga agtcttttga 1860
65 gggcaacaac aactatgata cacctgagct gcggactttt ccagctctct ccacgcgatt 1920
66 catcaggatc taccccgaga gagccactca tggcggactg gggctcagaa tggagctgct 1980
67 gggctgtgaa gtggaagccc ctacagctgg accgaccact cccaacggga acttggtgga 2040
68 tgaatgtgat gacgaccagg ccaactgcca cagtggaaca ggtgatgact tccagctcac 2100
69 aggtggcacc actgtgctgg ccacagaaaa gcccacggtc atagacagca ccatacaatc 2160
70 agagtttcca acatatggtt ttaactgtga atttggctgg ggctctcaca agaccttctg 2220
71 ccactgggaa catgacaatc acgtgcagct caagtggagt gtgttgacca gcaagacggg 2280
72 acccattcag gatcacacag gagatggcaa cttcatctat tcccaagctg acgaaaatca 2340
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83 tgaacttgtg gatggtgtga agttgaaaaa agacaaactg aatacacaga gtacttattc 3000
84 ggaggcatga aggcagacag agatgaaaag acagtcaaag gacggaagtg gaaggacggg 3060
85 agtgagctgg ggagctgttg atctttcact atacaggctg ggaagtgtgt tgatgaccac 3120
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88 cagatgctgg tgttgagacc aagtatgatt gacataatca ttcatttcga cccctcctgc 3300
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93 gtagcctcag tactggtgta gtgtgtcagc tctgtttacg aagcaatact gtccagtttt 3600
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99 ccgggcaggc aagggctctg aagatttggc aacgtggctt aattgttctg ctttttctgt 3960
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104 aagggaaatt cctaactttg ccctccaaag tctaactttg gttttcttgt taactggtta 4260
105 aagtgacagt atctttttttc cttatctatt ctattcaaaa tgacctttga tagaaatgtt 4320
106 ggcatttagt agaaatagtg ataagttgag gaaagaaata atacaaattg gctttcaagt 4380
107 gagacccaaa ggaagaactg gataaaatct tccaaatcca aaagcatgag atttttctat 4440
108 ccaaatatgc aaaaatgacc caagagaact ttcttatttt gctactgagt cacacaaggg 4500
109 aagtggaagg aagaacagtt aatttaagaa tgaaactata aatcctgatg cctgggggtc 4560

RAW SEQUENCE LISTING DATE: 07/17/2001
PATENT APPLICATION: US/09/580,803 TIME: 14:59:28

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07172001\I580803.raw

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112 acaaagaata agcctgcctt agggctggca acatctaagc ctctaacagc acagggaagc    4740
113 aaatatctta ccaggcagcc tatgaattaa cccaaagaag ctttggttgg ttttggtgga    4800
114 tttttatcat gccatgttgg acatgagatt ttttagatct tccttcccca cattgctaga    4860
115 cgtctcactc aaagacattt gttgggagtc acatttgcat catagacgag acagtccatt    4920
116 catcttagtt aaattggatt gagaatgcct tttgtttcca ggaaaatatt gatcaccatg    4980
117 aaagaagaat agtttttgt ccccagagac attcatttag ttgatataat cctaccagaa    5040
118 ggaaagcact aagaaacact cgtttgttgt ttttaaaggc aacagactta aagttgtcct    5100
119 cagccaagga aaaatgatac tgcaacttta aaatttaaag tatcttgcac tgataaatat    5160
120 atttaaaaat tatatgttta taaagttatt aatttgtaaa ggcagtgtta caaaatgttc    5220
121 agtttatatt gttttagatt gttttgtaat ttttaaaggt gtaaaataac atataaatat    5280
122 atttaaaaat tatatgttta taaagttatt aatttgtaaa ggcagtgtta caaaatgttc    5340
123 agtttatatt gttttagatt gttttgtaat ttttaaaggt gtaaaataac atatttttc     5400
124 tttatggaaa tctataaaac tttctgtagt aaaatgtttt cattttactg gtatattatt    5460
125 gcttcatgtt ttgtaccatc ataagatttt gtgcagattt tttttacaga aattattatt    5520
126 ttctatgaca atatgacact tgtaaattgt tgtttcaaaa tgaacagcga agccttaact    5580
127 ttaaatgaca tttgtattct cagacactga gtagcataaa aaccacatga actgaactgt    5640
128 aacttaaatt ctt                                                      5653
132 <210> SEQ ID NO: 2
133 <211> LENGTH: 923
134 <212> TYPE: PRT
135 <213> ORGANISM: human
137 <400> SEQUENCE: 2
138  Met Glu Arg Gly Leu Pro Leu Leu Cys Ala Val Leu Ala Leu Val Leu
139   1               5                  10                  15
140  Ala Pro Ala Gly Ala Phe Arg Asn Asp Lys Cys Gly Asp Thr Ile Lys
141              20                  25                  30
142  Ile Glu Ser Pro Gly Tyr Leu Thr Ser Pro Gly Tyr Pro His Ser Tyr
143          35                  40                  45
144  His Pro Ser Glu Lys Cys Glu Trp Leu Ile Gln Ala Pro Asp Pro Tyr
145      50                  55                  60
146  Gln Arg Ile Met Ile Asn Phe Asn Pro His Phe Asp Leu Glu Asp Arg
147  65                  70                  75                  80
148  Asp Cys Lys Tyr Asp Tyr Val Glu Val Phe Asp Gly Glu Asn Glu Asn
149                  85                  90                  95
150  Gly His Phe Arg Gly Lys Phe Cys Gly Lys Ile Ala Pro Pro Pro Val
151              100                 105                 110
152  Val Ser Ser Gly Pro Phe Leu Phe Ile Lys Phe Val Ser Asp Tyr Glu
153          115                 120                 125
154  Thr His Gly Ala Gly Phe Ser Ile Arg Tyr Glu Ile Phe Lys Arg Gly
155      130                 135                 140
156  Pro Glu Cys Ser Gln Asn Tyr Thr Thr Pro Ser Gly Val Ile Lys Ser
157  145                 150                 155                 160
158  Pro Gly Phe Pro Glu Lys Tyr Pro Asn Ser Leu Glu Cys Thr Tyr Ile
159                  165                 170                 175
160  Val Phe Ala Pro Lys Met Ser Glu Ile Ile Leu Glu Phe Glu Ser Phe
161              180                 185                 190
162  Asp Leu Glu Pro Asp Ser Asn Pro Pro Gly Gly Met Phe Cys Arg Tyr
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RAW SEQUENCE LISTING DATE: 07/17/2001
PATENT APPLICATION: US/09/580,803 TIME: 14:59:28

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07172001\I580803.raw

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163          195                 200                 205
164  Asp Arg Leu Glu Ile Trp Asp Gly Phe Pro Asp Val Gly Pro His Ile
165      210                 215                 220
166  Gly Arg Tyr Cys Gly Gln Lys Thr Pro Gly Arg Ile Arg Ser Ser Ser
167  225                 230                 235                 240
168  Gly Ile Leu Ser Met Val Phe Tyr Thr Asp Ser Ala Ile Ala Lys Glu
169                  245                 250                 255
170  Gly Phe Ser Ala Asn Tyr Ser Val Leu Gln Ser Ser Val Ser Glu Asp
171              260                 265                 270
172  Phe Lys Cys Met Glu Ala Leu Gly Met Glu Ser Gly Glu Ile His Ser
173          275                 280                 285
174  Asp Gln Ile Thr Ala Ser Ser Gln Tyr Ser Thr Asn Trp Ser Ala Glu
175      290                 295                 300
176  Arg Ser Arg Leu Asn Tyr Pro Glu Asn Gly Trp Thr Pro Gly Glu Asp
177  305                 310                 315                 320
178  Ser Tyr Arg Glu Trp Ile Gln Val Asp Leu Gly Leu Leu Arg Phe Val
179                  325                 330                 335
180  Thr Ala Val Gly Thr Gln Gly Ala Ile Ser Lys Glu Thr Lys Lys Lys
181              340                 345                 350
182  Tyr Tyr Val Lys Thr Tyr Lys Ile Asp Val Ser Ser Asn Gly Glu Asp
183          355                 360                 365
184  Trp Ile Thr Ile Lys Glu Gly Asn Lys Pro Val Leu Phe Gln Gly Asn
185      370                 375                 380
186  Thr Asn Pro Thr Asp Val Val Val Ala Val Phe Pro Lys Pro Leu Ile
187  385                 390                 395                 400
188  Thr Arg Phe Val Arg Ile Lys Pro Ala Thr Trp Glu Thr Gly Ile Ser
189                  405                 410                 415
190  Met Arg Phe Glu Val Tyr Gly Cys Lys Ile Thr Asp Tyr Pro Cys Ser
191              420                 425                 430
192  Gly Met Leu Gly Met Val Ser Gly Leu Ile Ser Asp Ser Gln Ile Thr
193          435                 440                 445
194  Ser Ser Asn Gln Gly Asp Arg Asn Trp Met Pro Glu Asn Ile Arg Leu
195      450                 455                 460
196  Val Thr Ser Arg Ser Gly Trp Ala Leu Pro Pro Ala Pro His Ser Tyr
197  465                 470                 475                 480
198  Ile Asn Glu Trp Leu Gln Ile Asp Leu Gly Glu Glu Lys Ile Val Arg
199                  485                 490                 495
200  Gly Ile Ile Ile Gln Gly Gly Lys His Arg Glu Asn Lys Val Phe Met
201              500                 505                 510
202  Arg Lys Phe Lys Ile Gly Tyr Ser Asn Asn Gly Ser Asp Trp Lys Met
203          515                 520                 525
204  Ile Met Asp Asp Ser Lys Arg Lys Ala Lys Ser Phe Glu Gly Asn Asn
205      530                 535                 540
206  Asn Tyr Asp Thr Pro Glu Leu Arg Thr Phe Pro Ala Leu Ser Thr Arg
207  545                 550                 555                 560
208  Phe Ile Arg Ile Tyr Pro Glu Arg Ala Thr His Gly Gly Leu Gly Leu
209                  565                 570                 575
210  Arg Met Glu Leu Leu Gly Cys Glu Val Glu Ala Pro Thr Ala Gly Pro
211              580                 585                 590
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RAW SEQUENCE LISTING DATE: 07/17/2001
PATENT APPLICATION: US/09/580,803 TIME: 14:59:28

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07172001\I580803.raw

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212  Thr Thr Pro Asn Gly Asn Leu Val Asp Glu Cys Asp Asp Asp Gln Ala
213          595                 600                 605
214  Asn Cys His Ser Gly Thr Gly Asp Asp Phe Gln Leu Thr Gly Gly Thr
215      610                 615                 620
216  Thr Val Leu Ala Thr Glu Lys Pro Thr Val Ile Asp Ser Thr Ile Gln
217  625                 630                 635                 640
218  Ser Glu Phe Pro Thr Tyr Gly Phe Asn Cys Glu Phe Gly Trp Gly Ser
219                  645                 650                 655
220  His Lys Thr Phe Cys His Trp Glu His Asp Asn His Val Gln Leu Lys
221              660                 665                 670
222  Trp Ser Val Leu Thr Ser Lys Thr Gly Pro Ile Gln Asp His Thr Gly
223          675                 680                 685
224  Asp Gly Asn Phe Ile Tyr Ser Gln Ala Asp Glu Asn Gln Lys Gly Lys
225      690                 695                 700
226  Val Ala Arg Leu Val Ser Pro Val Val Tyr Ser Gln Asn Ser Ala His
227  705                 710                 715                 720
228  Cys Met Thr Phe Trp Tyr His Met Ser Gly Ser His Val Gly Thr Leu
229                  725                 730                 735
230  Arg Val Lys Leu Arg Tyr Gln Lys Pro Glu Glu Tyr Asp Gln Leu Val
231              740                 745                 750
232  Trp Met Ala Ile Gly His Gln Gly Asp His Trp Lys Glu Gly Arg Val
233          755                 760                 765
234  Leu Leu His Lys Ser Leu Lys Leu Tyr Gln Val Ile Phe Glu Gly Glu
235      770                 775                 780
236  Ile Gly Lys Gly Asn Leu Gly Gly Ile Ala Val Asp Asp Ile Ser Ile
237  785                 790                 795                 800
238  Asn Asn His Ile Ser Gln Glu Asp Cys Ala Lys Pro Ala Asp Leu Asp
239                  805                 810                 815
240  Lys Lys Asn Pro Glu Ile Lys Ile Asp Glu Thr Gly Ser Thr Pro Gly
241              820                 825                 830
242  Tyr Glu Gly Glu Gly Glu Gly Asp Lys Asn Ile Ser Arg Lys Pro Gly
243          835                 840                 845
244  Asn Val Leu Lys Thr Leu Asp Pro Ile Leu Ile Thr Ile Ile Ala Met
245      850                 855                 860
246  Ser Ala Leu Gly Val Leu Leu Gly Ala Val Cys Gly Val Val Leu Tyr
247  865                 870                 875                 880
248  Cys Ala Cys Trp His Asn Gly Met Ser Glu Arg Asn Leu Ser Ala Leu
249                  885                 890                 895
250  Glu Asn Tyr Asn Phe Glu Leu Val Asp Gly Val Lys Leu Lys Lys Asp
251              900                 905                 910
252  Lys Leu Asn Thr Gln Ser Thr Tyr Ser Glu Ala
253          915                 920
256 <210> SEQ ID NO: 3
257 <211> LENGTH: 3404
258 <212> TYPE: DNA
259 <213> ORGANISM: human
261 <400> SEQUENCE: 3
262  gaattcggca cgaggggaaa ataaaagaga gaaaaacaca aagatttaaa caagaaacct      60
263  acgaacccag ctctggaaag agccaccttc tccaaaatgg atatgtttcc tctcacctgg     120
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/580,803

DATE: 07/17/2001
TIME: 14:59:29

Input Set : A:\Pto.amc
Output Set: N:\CRF3\07172001\I580803.raw

1642

RAW SEQUENCE LISTING DATE: 07/17/2001
PATENT APPLICATION: US/09/580,803 TIME: 14:23:03

Input Set : A:\ES.txt
Output Set: N:\CRF3\07172001\I580803.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: KLAGSBRUN, Michael
4 SOKER, Shay
5 MIAO, Hua Quan
7 <120> TITLE OF INVENTION: ANTAGONISTS OF NEUROPILIN RECEPTOR FUNCTION AND USE THEREOF
9 <130> FILE REFERENCE:. 48802 C
C--> 11 **<140> CURRENT APPLICATION NUMBER: US/09/580,803**
C--> 11 **<141> CURRENT FILING DATE: 2000-05-30**
11 ~~<150> PRIOR APPLICATION NUMBER: 09/580,803~~
12 ~~<151> PRIOR FILING DATE: 2000-05-30~~
14 <150> PRIOR APPLICATION NUMBER: 60/069,155
15 <151> PRIOR FILING DATE: 1997-12-09
17 <150> PRIOR APPLICATION NUMBER: 60/069,687
18 <151> PRIOR FILING DATE: 1997-12-29
20 <150> PRIOR APPLICATION NUMBER: 60/078,541
21 <151> PRIOR FILING DATE: 1998-03-19
24 <160> NUMBER OF SEQ ID NOS: 11
26 <170> SOFTWARE: FastSEQ for Windows Version 3.0

**ERRORED SEQUENCES**

500 <210> SEQ ID NO: 11
501 <211> LENGTH: 44
502 <212> TYPE: PRT
503 <213> ORGANISM: human
505 <400> SEQUENCE: 11
506 Pro Cys Gly Pro Cys Ser Glu Arg Arg Lys His Leu Phe Val Gln Asp
507 1 5 10 15
508 Pro Gln Thr Cys Lys Cys Ser Cys Lys Asn Thr Asp Ser Arg Cys Lys
509 20 25 30
510 Ala Arg Gln Leu Glu Leu Asn Glu Arg Thr Cys Arg
511 35 40
E--> 515 **(Footnote continued from previous page)**
E--> 516 **(Footnote continued on next page)**

VERIFICATION SUMMARY DATE: 07/17/2001
PATENT APPLICATION: US/09/580,803 TIME: 14:23:04

Input Set : A:\ES.txt
Output Set: N:\CRF3\07172001\I580803.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:515 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:515 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:5
L:516 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:11
L:516 M:333 E: Wrong sequence grouping, Amino acids not in groups!
L:516 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:5
L:516 M:252 E: No. of Seq. differs, <211>LENGTH:Input:44 Found:54 SEQ:11